

**WHAT IS CLAIMED IS:**

1. A method for stimulating wound healing in a subject in need thereof, comprising: administering to a wound of the subject an effective amount for stimulating wound healing of a composition, wherein the composition comprises a polypeptide selected from the group consisting of:
  - (a) a polypeptide having an amino acid sequence set forth in SEQ ID NO: 1; and
  - (b) a polypeptide having at least 70% sequence homology with the polypeptide of (a).
2. The method according to claim 1, wherein the composition further comprises at least one selected from the group consisting of antibiotics, antihistamines, anti-inflammatory drugs, anti-viral drugs, anti-fungal drugs and growth factors.
3. The method according to claim 1, wherein the composition further comprises a pharmaceutically acceptable carrier.
- 20 4. The method according to claim 1, wherein the composition is formulated with any one form selected from the group consisting of a powder, liniment, gel, lotion, cream, ointment, paste, puff, aerosol and suppository.
- 25 5. The method of claim 1, wherein said wound is selected from the group consisting of burn, ulcer, trauma, post-surgical, post-childbirth, chronic wound and dermatitis.

6. The method of claim 5, wherein said burn is selected from the group consisting of sunburn, chemical burn, radiation burn and thermal burn.

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7. The method of claim 5, wherein said ulcer is selected from the group consisting of pressure ulcer, plaster ulcer and decubitus ulcer.

10            8. The method for claim 5, wherein said chronic wound is selected from the group consisting of bedsores, pressure sores, diabetes-related and poor circulation-related.

15            9. The method of claim 6, wherein said dermatitis is selected from the group of consisting of impetigo, intertrigo, folliculitis and eczema.